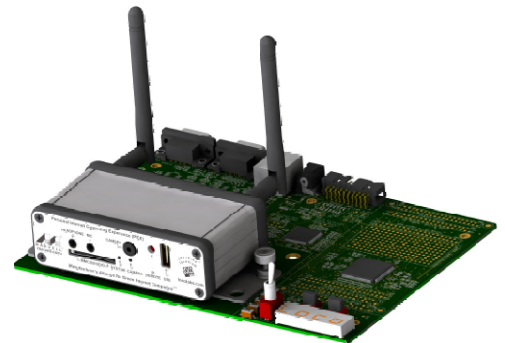




The Calliope Platform allows embedded designers to build media-rich, connected products quickly and easily.

The platform combines a processor/video scaler module and personality module in one small, rugged OEM-enclosure with a flexible expansion module for customization and prototyping.

Calliope is a complete core hardware package for fast functionality and co-design of applications by developer teams, with available software for connected applications. The compact, elegant design makes it immediately usable as a demonstrator and rapid prototyping platform incorporating applications and custom features integrated by developers.



Green Calliope Engine docked on Expansion Module

KEY FEATURES

Green Calliope Engine (GCE)



- Palm Size, Rugged Enclosure houses CPU Scaler Module (CSM) and I/O Module (IOM)
- Finished Appearance for clean demos or small volume production

Expansion Module (EXM)

- Fast Prototyping and Customization (Onboard Prototype Area; Docking Port System; JTAG, Serial and Ethernet ports)



Calliope Developer's Kit (CDK)

- Everything you need to get started, including a Green Calliope Engine (GCE), Expansion Module (EXM), JTAG adapter and essential cables

Additional support items available separately, directly from Marvell:

- Open-Source Software Toolchain with optimized compiler
- JTAG Hardware Debugger and FLASH burning application
- Linux BSP, Board Bringup

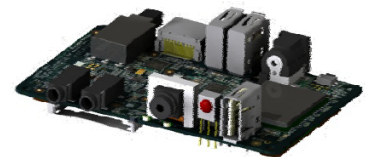


CPU Scaler Module (CSM)



- Credit Card Size Processor Module
- Marvell PXA-310 (624MHz or 806MHz ARM CPU)
- Marvell Qdeo 88DE2710 (1080p HD Video Processor)
- DDR Memory, NAND Flash

I/O Module (IOM)



- Credit Card Size Personality Module
- Marvell 88W8688 Bluetooth/WiFi
- 1080p HD/DVI Output
- 2 Megapixel Camera
- SD/MMC Memory Card Slot
- USB, IR Receiver, Audio In/Out

Engineering Support

- Linux BSP and Driver Support Services
- Module Hardware Support and Product Upgrades
- Enclosure Personalization and OEM Labeling
- Special Configurations

Calliope Platform Customization

- Linux Driver Development, BSP Porting
- Multimedia, Wireless, Battery Control Starter Modules
- Custom Enclosure Design and Tooling
- Volume Production



LocoLabs LLC provides custom and turnkey development platforms and modules for embedded designers creating consumer electronics and commercial/industrial systems. The Silicon Valley, CA company draws on more than a decade of expertise in custom platform and solutions engineering to accelerate product development for OEM and embedded design customers. <http://www.locolabs.com>.